

Museum Facility Upgrade**FY2002 Request: \$550,000**
Reference No: 6255**AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** Development**Location:** Juneau Areawide**Contact:** Karen J. Rehfeld**Election District:** Juneau Areawide**Contact Phone:** (907)465-8650**Estimated Project Dates:** 07/01/1999 - 06/30/2006**Brief Summary and Statement of Need:**

This project addresses essential upgrades to fire suppression, dust collection, and space modification to protect the museum collection valued at \$24 million.

Funding:

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Gen Fund	\$550,000						\$550,000
Total:	\$550,000	\$0	\$0	\$0	\$0	\$0	\$550,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

In FY94, the museum received \$500,00 of a facility upgrade project request of \$1,064,300. These funds were used for a central ventilation unit, dehumidification system, and air filtration unit. Funding was not sufficient to complete the facility upgrade including fire suppression, dust collection, and modification of space necessary to protect the museum collection valued at \$24 million. Although the funding to complete this work has been requested annually, it has not been approved.

An Act of Congress created the Alaska State Museum (Museum) in 1900. The Museum is mandated to collect, preserve, exhibit and interpret objects that are significant to the cultures, history and natural history of Alaska. Museums, like schools and libraries, are resources created to provide the opportunity to satisfy educational, artistic, scientific, and recreational demands for Alaska residents and visitors. To carry out these mandates, the facilities that house the State's treasures must provide adequate space and a safe environment for both objects and museum visitors. This CIP request addresses both of these concerns.

In FY93 the Department of Education requested \$1,064,300 for needed facility upgrades. An appropriation of \$500,000 in FY94 by the Alaska State Legislature allowed the Museum to install a comprehensive solid-state control system that brought on line a new HVAC system consisting of a central ventilation unit, dehumidification system, humidification boiler and an air filtration unit. While the majority of the collection remains in good condition, the addition of new mechanical equipment will ensure a stable environment for the care of the State's irreplaceable collection valued at 24 million dollars.

However, the following are projects that were not possible to complete with FY94 funding and require funding in FY2002. These projects include: heating, ventilation, electrical and interior finishes to mezzanine and second floor spaces at new linkage to meet occupancy codes; demolition of abandoned heating and air handling equipment contained within the basement area; modification of the old mechanical room to prepare for use as storage; and complete installation of the dust collection system in the Museum workshop, and extension of the fire suppression system to unprotected collection storage areas.

The Department of Transportation (DOT/PF), with the design team that included MBA Consulting Engineers, Arctic Slope Consulting Group of Anchorage and Minch-Ritter-Voelckers Architects of Juneau, provided the analysis and design of the remaining improvements to the Museum. Adjusted figures estimate that \$550,000 is necessary for completion of the final phase of this project.

The following is a cost breakdown of all remaining work required in the final phase. The items listed are in priority, and although they may be completed as separate items of work, it is hoped that they will be combined. The costs provided are total costs and include design, construction, DOT/PF construction administration, and contingencies.

- * Modify basement portion of new enclosure to accommodate exhibit dust collection system and Museum workshop. Renovate existing Museum workshop space and extend fire suppression system to allow this area to be used as collection storage (\$320,600).
- * Complete heating, ventilation, electrical and interior finish work to second floor and mezzanine spaces at new linkage to meet occupancy codes (\$120,500).
- * Demolition of abandoned heating and air handling equipment, and modify to provide much needed storage and workspace in basement area (\$108,900).

The present excessively crowded storage conditions prevent efficient retrieval of objects and increase costly staff time for care and control. Along with jeopardizing the existing collection, the lack of storage and exhibition space continues to place limitations on accepting larger objects to the collection. Increasingly, the ASM is being called upon to collect and preserve historical artifacts and has been unable to act because of inadequate storage space.

Until a much-needed expansion of the Museum is constructed in the future, the completion of the final phase of this project will provide the long awaited heating, electrical, ventilation, fire and security systems to areas not currently serviced within the facility. Additionally, it will also provide some temporary relief to the growing problem of inadequate storage space by using abandoned and unutilized mechanical space.